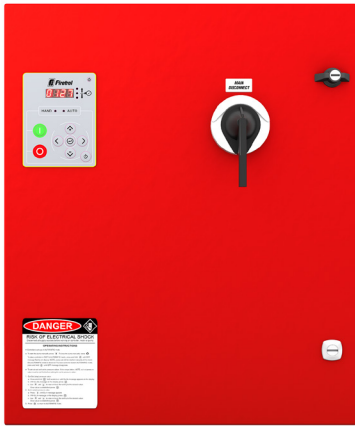


Jockey Pump Controllers – Wye Delta Open Transition Starting



- On-Delay timer
- Control circuit transformer with 24VAC secondary
- 0-600 psi (0-42 bar) solid state pressure transducer
- Visual Indication, Controller in AUTO
- Door mounted pressure display/user interface.
- LED indication for pressure above stop setting (green), pressure between start and stop setting (yellow), and pressure below start setting (red).
- Start and Stop push-buttons
- Rotary style door mounted disconnect handle with door interlock

Description—Firetrol® FTA566E Jockey Pump Controllers are intended for use with fire pump systems. They are used for pressure maintenance in fire pump installations to prevent unnecessary operation of the main fire pump. FTA566E Jockey Pump Controllers use Wye-Delta Open Transition Starting which reduces motor current. When starting the motor will be connected in a wye configuration and draw approximately 33% of its normal inrush current and develop approximately 33% of its normal starting torque. After a time delay, the motor is automatically reconnected in delta, applying full voltage to the motor windings.

Approvals—Firetrol jockey pump controllers are listed by Underwriters’ Laboratories, Inc., in accordance with UL508A, *Standard for Industrial Controls*, and CSA, *Standard for Industrial Control Equipment*. They are built to meet or exceed the requirements of the approving authorities as well as NEMA and the latest edition NFPA 70, *National Electrical Code*.

Standard Features—The following are included as standard with each controller:

- NEMA Type 2 (IEC IP22) Painted Steel Enclosure
- Circuit Breaker
- Horsepower rated motor starter
- Suitable for use as service equipment
- OFF-AUTO push-buttons
- Minimum run timer

NOTE: FTA566E Jockey Pump Controllers are available as standard in the voltage/horsepower combinations shown below. For other combinations and options, please consult your Firetrol representative or the factory.

VOLTAGE 3-PHASE (50/60 Hertz) Rating	MAX HP	Short Circuit Current
-H 200 - 208V	25	65kA
-A 220 - 240V	30	65kA
-F 380 - 415V	40	65kA
-B 440 - 480V	50	65kA
-C 550 - 600V	50	25kA

NOTE: Firetrol Brand Jockey Pump controllers DO NOT CONTAIN MERCURY filled pressure switches.

For Model # Information and Options & Modifications see Publication SD566E-01

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